CLAIMS

- 1. A mollusc repellent composition including an effective amount of a substantially insoluble metal oxalate and a suitable carrier therefor.
- 2. A molluse repellent composition according to claim 1, wherein the metal of the metal oxalate is selected from a transition metal or a transition metal in combination with a non-transition metal.
- 3. A mollusc repellent composition according to claim 1 or claim 2, wherein the metal is selected from the group of iron(III), aluminium, zinc or copper
 - 4. A mollusc epellent composition according to claim 3, wherein the metal is copper.
- 5. A mollusc repellent composition according to any one of claims 2 to 4, wherein the non-transition metal is potassium.
- 6. A mollusc repellent composition according to any one of claims 1 to 5, wherein the metal oxalate is selected from ferric potassium oxalate or copper oxalate.
- 7. A mollusc repellent composition according to claim 6, wherein the metal oxalate is copper oxalate.
- 8. A mollusc repellent composition according to any one of the preceeding claims, wherein the amount of metal oxalate is between about 2% to 100% by weight of the total composition.
- 9. A moleuse repellent composition according to claim 8, wherein the amount of metal exalate is between about 2% and 10% by weight of the total composition.
- 10. A mollusc repellent composition according to claim 9, wherein the amount is about 5% by weight of the total composition.

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 11. A mollusc repellent composition according to any one of the preceeding claims, wherein the carrier is water.

- 12. A mallusc repellent composition according to claim 11, wherein the metal oxalate is present as an aqueous suspension.
- 13. A mollusc repellent composition according to claim 11 or claim 12, wherein the carrier comprises between about 0% and 98% by weight of the total composition.
- 14. A mollusc repellent composition according to any one of the preceeding claims, wherein carrier includes a binder to facilitate the adhesion of the metal oxalate onto the surface of an article to be treated.
- 15. A mollusc repellent composition according to claim 14, wherein the article is selected from an animate or an inanimate article.
- 16. A mollusc repellent composition according to claim 15, wherein the binder is selected from gum arabic or gum acacia where the repellent is to be applied to an animate article.
- 17. A mollusc repellent composition according claim 15, wherein the binder is selected from a waterproof binder such as paraffin wax, white oil, casein or polyvinylacetate where the repellent is applied to inanimate articles.
 - 18. A mollusc repellent composition according to any one of claims 14 to 17, wherein the binder comprises between 0.1% and 100% by weight of the carrier.
- 19. A molluse repellent composition according to claim 18, wherein the binder comprises between 0.5 and 3% by weight of the carrier.
- 20. A mollusc repellent composition according to any one of the preceeding claims further including a fungicide.

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- 21. A mollusc repellant composition according to claim 20. wherein the fungicide comprises about 0.05% to 1.0% by weight of the total composition.
- 22. A mollusc repellent composition according to claim 20 or claim 21, wherein the fungicide is selected from copper oxychloride or thiram.
- 23. A mollusc repellent domposition according to any on of claims 20 to 22, wherein the fungicide is applied as a coating in combination with a small amount ϕf a non-phytotoxic dye.
- 24. A mollusc repettent composition according to claim 23, wherein the non-phytotoxic dye comprises less than about 1% by weight of the total composition.
- 25. A mollusc repellent composition according to any one of the preceeding claims, wherein the composition further comprises a diluent to enable even coverage of the article to which the repellent is to be applied.
- 26. A molluso repellent composition according to claim 25. wherein the diluent is selected from a silicate, gypsum or limestone.
- A mollusc repellent/composition according to claim 25 or 27. claim 26, wherein the diluent comprises between about 0% to 95% by weight of the total composition.
- A mollusc repellent composition according to any one of 28. claims 1 to 14 and claim 16, wherein the composition further includes a growth hormone.
- A molluse repellent composition according to claim 28, 29. wherein the growth permone is a seaweed extract.
- A mollusc repellent/composition according to claim 28 or 30. claim 29, wherein the growth hofmone comprises between about 0.05% and 1% by weight of the total composition.

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- 31. A mollusc repeller composition according to any one of claims 1 to 30, wherein the composition comprises a metal oxalate in combination with at least one other mollusc repellent.
- 32. A method for treating an article with the mollusc repellent composition according to any one of claims 1 to 31, including applying the repellent composition to the surface of the article to be treated.
 - 33. A method according to claim 32, wherein the article to be treated is selected from an animate or an inanimate article.
- 34. A method according to claim 33, wherein the animate article is a seed having the potential to produce at least one root, and the growth hormone is readily available to the at least one root as it emerges from the seed.
 - 35. A method according to claim 34, wherein the seed selected from the group of wheat, barley or clover seeds, phalaris, rye or cocksfoot grass seeds, canola seeds, fruit or vegetable seeds.
 - 36. A method according to claim 33, wherein the inanimate article is selected from weed mats, inlet and outlet pipes for cooling systems, hulls of ships, driveways of homes of grow-bags.
 - 37. A method according to any one of claims 32 to 36, wherein the form of the repellent is selected from a solid, a suspension or coating composition.
 - 38. A method according to claim 37, wherein the solid form of the repellent is selected from tablets, granules or a powder.
 - 39. A method according to claim 37, wherein the suspension is in the form of a spray.
 - 40. A mollusc repellent composition, according to any one of claims 1 to 31, in the form of coating composition.
 - 41. A mollusc repellent composition, according to any one of claims 1 to 10, in the form of a paint.

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- 42. A mollusc repellent composition according to claim 41, wherein the carrier is selected from an aqueous surfactant solution, an aqueous polyvinylacetate solution or an oil-based paint.
- 43. A mollusc repellent composition suitable for sustainable agricultural purposes including:
 - (i) an effective amount of an aqueous solution of oxalic acid or soluble metal oxalate; and
 - (ii) an effective amount of an aqueous solution of a soluble metal salt,
 whereby sequential application of the two solutions, in either order, results in the in-situ preparation of a substantially insoluble metal oxalate as an aqueous suspension.
- 44. A mollusc repellent composition according to claim 42, wherein the metal oxalate is selected from ferrous oxalate, ferric ammonium/potassium oxalate or copper oxalate.
 - 45. A mollusc repellent composition according to claim 43, wherein the oxalic acid and the metal salt are present in equimolar amounts.
 - 46. A mollusc repellent composition according to claim 44, wherein the concentration of the metal salt solution is about 5% by weight of the total composition.
 - 47. An article treated with the repellent composition according to any one of claims 1 to 31 according to the method of any one of claims 32 to 39.
 - 48. An article according to claim 46, wherein the treated article is selected from a seed, a weed mat, a citrus tree, an inlet or outlet pipe, a ship's hull, a grow bag or a vegetable seedling.

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- 49. Use of the mollusc repellent composition according to any one of claims 1 to 31 substantially as hereinbefore described with reference to any one of the Examples.
- 50. A mollusc repellent composition according to any one of claims 1 to 31 substantially as hereinbefore described with reference to any one of the Examples.
 - 51. A method of for treating an article with the mollusc repellent composition according to any one of claims 1 to 31, substantially as hereinbefore described with reference to any one of the Examples.
- 10 52. A coating composition according to claim 40, substantially as hereinbefore described with reference to any one-of the Examples.
 - 53. A paint according to claim 41 or claim 42, substantially as hereinbefore described.
- 54. A mollusc repellent composition suitable for sustainable agriculture purposes according to any one of claims 42 to 45, substantially as hereinbefore described.